

**MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**Permitting and Compliance Division**  
**Waste & Underground Tank Management Bureau**

**FIELD INVESTIGATION REPORT**

COPY

**SITE:** Asarco - East Helena Facility

**EPA ID:** MTD006230346

**LOCATION:** East Helena

**DATES & TIMES:** September 18, 2008 @ 1:00 pm

**INSPECTION LENGTH:** 1 Hour 15 Minutes

**CONTACT:** Jon Nickel & Blaine Cox, Asarco Representatives

**INSPECTION TEAM:** Iver L. Johnson

**PURPOSE:** Focused Compliance Inspection

**REPORT PREPARED BY:** Iver L. Johnson

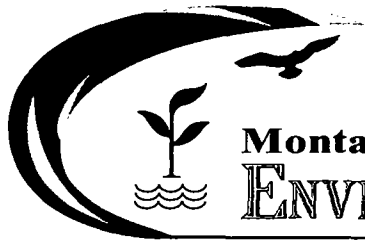
**BACKGROUND:** The purpose of this inspection was to inspect and document, via digital photographs, the items listed on the "Equipment List – East Helena Plant." The list was provided by Debtor for surplus equipment from East Helena and for possible salvage to El Paso, Texas.

I arranged with Mr. Nickel to conduct this inspection on this date and time.

**RESULTS OF THE INSPECTION:** Upon arrival at the East Helena facility, I met Mr. Nickel and Mr. Blaine Cox in their break room. We went over the equipment list and identified the buildings where the equipment was previously used, current location and condition of the equipment.

I told Messrs. Nickel and Blaine that EPA requested that pictures of the equipment be taken and to ascertain that the equipment scheduled for surplus or salvage did not impact the (1) Water Treatment Plant (2) Plant Security or (3) Plant Electrical Supply.

We proceeded to the High Grade Building where the equipment was either in the High Grade Building or stored outside on pallets near the building. (The bigger pieces of equipment were pre-positioned to the south of the Barnum Building on an asphalt pad). I took digital photos of the equipment and noted the equipment's current status (location, usage and cleanliness).



**Montana Department of  
ENVIRONMENTAL QUALITY**

RECEIVED

SEP 28 2008

Office of Enforcement  
Compliance & Environmental  
Justice

Brian Schweitzer, Governor

P.O. Box 200901 • Helena, MT 59620-0901 • (406) 444-2544 • [www.deq.mt.gov](http://www.deq.mt.gov)

September 24, 2008

COPY

Mr. Jon Nickel  
Asarco Inc.  
East Helena Plant  
P.O. Box 1230  
East Helena, MT 59635

**Subject: September 18, 2008, Focused Compliance Inspection - Asarco East Helena Plant**

Dear Mr. Nickel:

Enclosed is my Field Investigation Report covering the Department's Focused Compliance Inspection at Asarco's East Helena Facility. Please review this report and enclosed documents carefully.

I want to thank you and Mr. Cox for the time spent during my inspection. If you have any questions or need further assistance, please feel free to contact me at (406) 444-5852 or e-mail me at [ijohnson@mt.gov](mailto:ijohnson@mt.gov).

Sincerely,

Iver L. Johnson  
HW Specialist  
WUTM Bureau

Enc: Field Investigation Report with Photolog  
Copy of Equipment List – East Helena Plant

cc: Ms. Linda Jacobson, EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202 /

Mr. Cox identified the equipment and Mr. Nickel assisted me in recording the photo number from my camera to the exact piece of equipment shown on the list. I took note that the ½ HP Pulva Pulverizer could not be located at the time of the inspection and was scratched off the list.

Overall, the equipment was accounted for, free of any hazardous waste debris and appeared to be in good condition.

At the conclusion of the inspection, Mr. Nickel made a copy of the Equipment List – East Helena Plant for himself that now indicates the location where the equipment was used and the photo number assigned to that particular piece of equipment.

Note: A copy of the digital photographs taken during this inspection is filed in the Department's Asarco facility folder along with this report.

**WASTE MINIMIZATION REVIEW:** None discussed.

**RECOMMENDATIONS:** Continue to adhere to Montana's Hazardous Waste Management regulations.

Sept 19, 08

Date of Inspection Report

Iver L. Johnson

Iver L. Johnson  
Hazardous Waste Specialist

# EQUIPMENT LIST - EAST HELENA PLANT

COPY

②

RUM:

## Amarillo

HGB → Barrel Shedder American Pulverizer Company with hopper and gearbox and 100 HP, 480 3-phase motor and stand with hopper extension (14'3"L x 8' W v 9" H, 25640 lbs)

HGB → Electrical Control Box (3'4"W x 3'6" H, 300 lbs)

} Photo  
#001  
#002

## Amarillo

SHB → Martin Big Blaster (3) (4'H x 3'8"W x 3'8"L, 480 lbs) on pallet #003

## Hayden

Barnum Coverall Building (100' x 260') 2 overhead doors with 2 openers and 2 walk-in doors Photo #040

Bailey Coverall Building (100' x 260') 2 overhead doors with 1 opener and 2 walk-in doors #041

## Hayden

M → Smooth Rolls (12") (4'H x 7'L x 5'4" W, 7500 lbs) with 2, 14HP 480 3-phase electric motors #004

→ PEL Cabinets (19 Units) (Though out Plant) - Bldgs. demo'd #005  
PLC

## Hayden

CM → MGM Transformer 37.5 KVA single phase 60 HZ, Type HS (17" x 28" x 27") #006

CM → Electrical Disconnects, (4 Units) #007

SM → 12" Smooth Rolls (56"W x 54"L x 60"H) #008

SM { Pallet (US electrical, 5HP, 480 3-phase)  
(Electric Motor, 10HP, 480, 3-phase) } #009  
(Electric Motor, 5HP, 480, 3-phase)  
(Bico Pulverizer Type UA)

SM → Greive Electrical Dryers 2 Units, 480 3-phase 1/2 HP Fan Motor (44"W x 80"H x 76"L) #010, #011

SM → Green Dumpsters (2 Units) with Rod Mill cans, mixers and digital scale (2 yd) #012, #013 scale, #014

SM → Lintern Air Purifier (30" x 69" x 25") #015

SM → Jaw Crusher 3HP 3-phase 480 (19"W x 53"H x 28"L) #016

SM { Rod Mills (6 Units) 3HP 480 3-phase motors #017

~~Pulva Pulverizer 1/2HP 480 3-phase electrical motor #018~~

Pulva Pulverizer 5HP 480 3-phase (40" x 56" x 40") #018

SM { TM Engineering Ring Pulverizer (4 Units) (38" x 65" x 24") #020

Sepor Mixer (50" x 72" x 40") #019

Roto Taps (6 Units) (34" x 31" x 32") #021

Sweco Separator by Baldor (4'H x 50"W x 28"D) #022

HGB = High Grade Bldg,  
SM = Sample Mill  
CM = Crushing Mill

## Hayden

Crusher Plant to include ↓

36" Belt Line, 49' long, 53" overall width #023

36" Belt Line, 23' long, 8 1/2' overall width, 15 HP motor and gear box #024

36" Belt Line, 53' long, 6' overall width with 10 HP motor and gear box #025, left

36" Belt Line, 35' long, 6' overall width with 10HP motor and gear box #025, right

36" Belt Line, 37' long, 6' overall width with 10 HP motor and gear box #026

36" Belt Line, 16' long, 6' overall width with 15 HP motor and gear box #027

36" Belt Line, 25' long, 6' overall width with 10 HP motor and gear box #028

36" Belt Line, 20' long, 6' overall width with 10 HP motor and gear box #029

Sample Cutter (9'H x 5'W x 5'D) #030

CRUSHER PLANT

12' Belt Line, 3' overall width with 1/2 HP motor #031

150 HP electrical motor 480 #032

Sample Cutter (5'H x 2 1/2'W x 3'D) with 1/2 HP motor #033

Pro Screen Vibrating Screen (7'W x 16'L x 5'H) #034

Hopper for screen (8'H x 15"L x 8'W) with 10 HP motor #035

Hazmag Crusher (6'H x 7'L x 8'W) with Model 1010K #036

12" Sample Rolls (4'W x 4'H x 5'L) with 5 HP motor #037

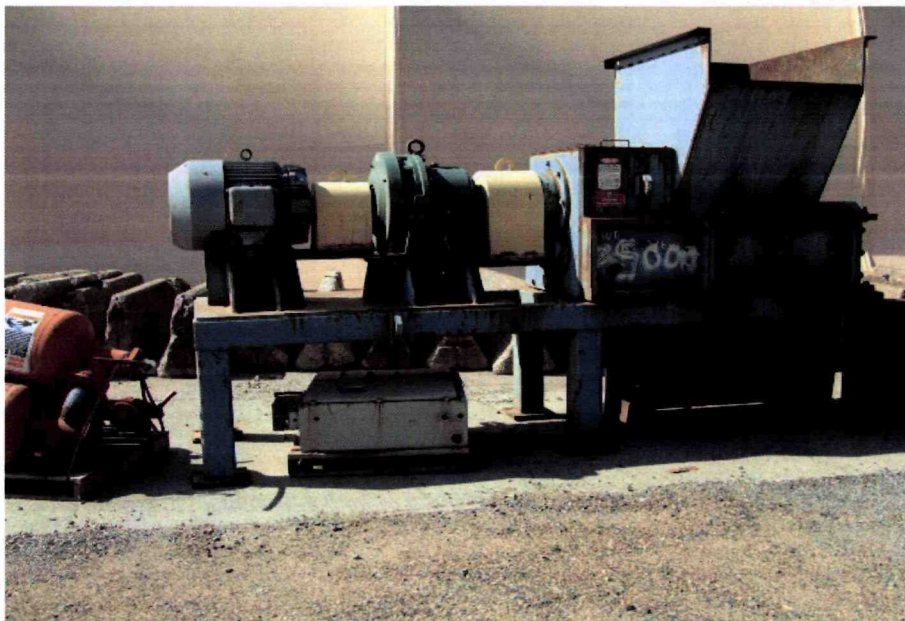
Electrical Control Panel (3' x 3' x 15") #038

Miscellaneous steps, handrails and walkways #039

PHOTO #: ASARCO\_08262-001  
SUBJECT: FCI - Equipment Recordation  
LOCATION: East Helena, MT.  
COUNTY: Lewis & Clark  
DATE OF INSPECTION: September 18, 2008  
WEATHER: Sunny  
PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (sig.) *Iver L. Johnson*  
WITNESS:  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Barrel Shredder American Pulverizer Company with hopper and gearbox and 100 HP, 480 3-Phase motor and stand with hopper extension.

The equipment came from the High Grade Building (HGB).



#### MT DEQ WUTM BUREAU

PHOTO #: ASARCO\_08262-002  
DATE: September 18, 2008  
PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Close-up of the Electrical Control Box.

The box came from the High Grade Building (HGB).



#### MT DEQ WUTM BUREAU

PHOTO #: ASARCO\_08262-003  
DATE: September 18, 2008  
PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Martin Big Blaster that came from the Concentrate Storage Handling Building (CSHB).



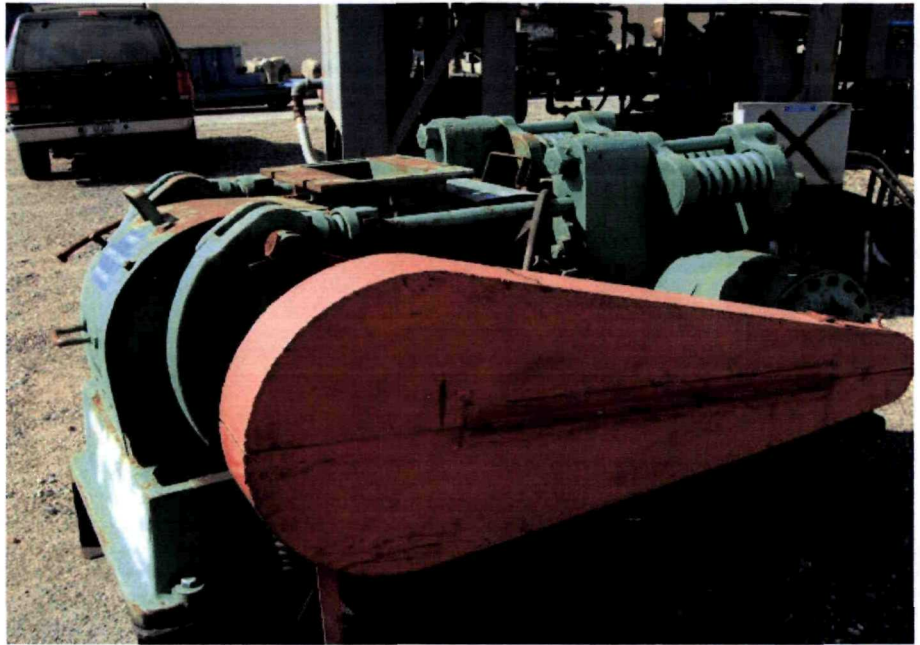


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-004  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Smooth Rolls with 2, 14 HP 480, 3-Phase Electric Motors  
from the Sample Mill.

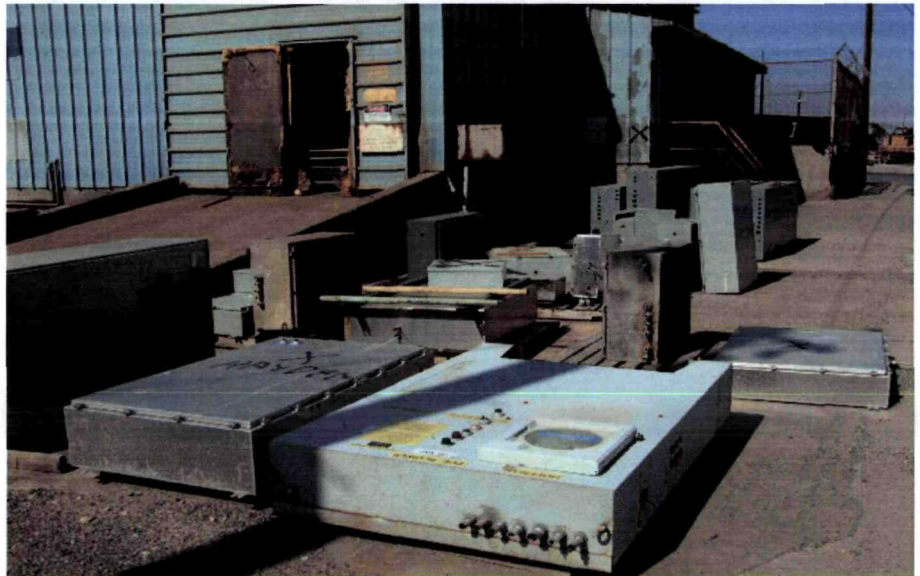


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-005  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

19 PLC Cabinets taken from various buildings already  
demolished or schedule for demo.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-006  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

MGM Transformer 37.5 KVA Single Phase, 60 HZ, Type  
PS from the Crushing Mill.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-007  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

4 Electrical Disconnects from the Crushing Mill.

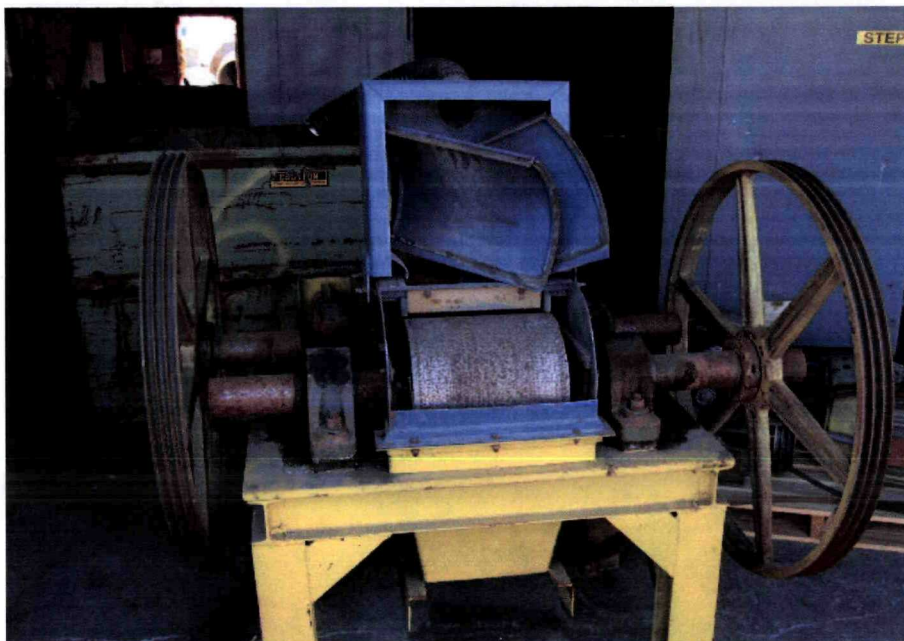


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-008  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Smooth Rolls from the Sample Mill.

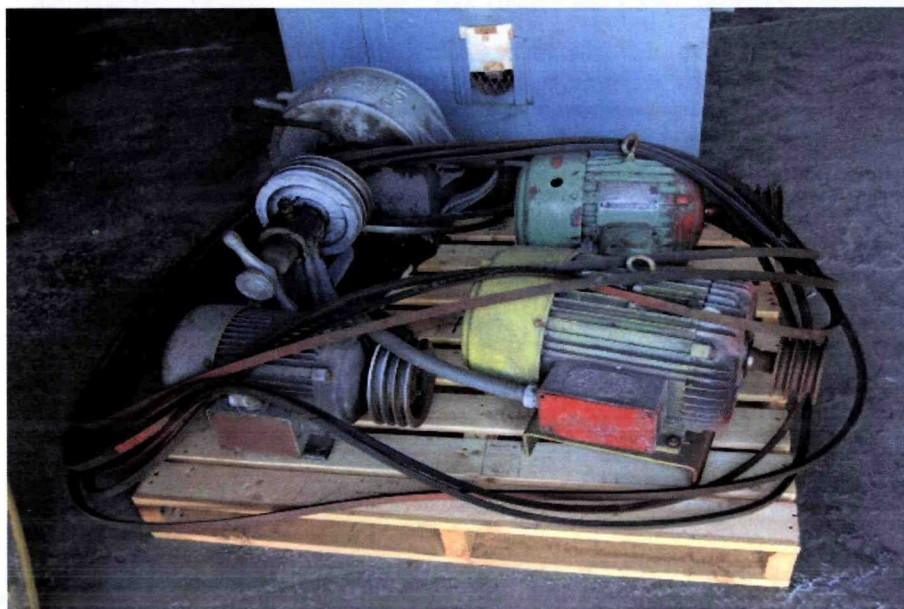


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-009  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Pallet of Electric Motors from the Sample Mill.



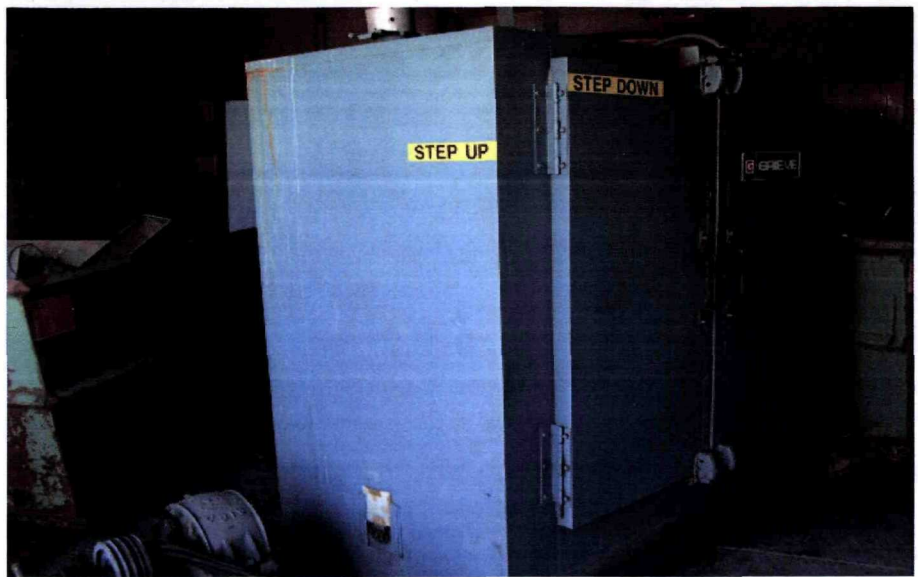


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-010  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

1 Greive electrical Dryer, 480 3-Phase ½ HP Fan Motor  
from the Sample Mill.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-011  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

1 Greive electrical Dryer, 480 3-Phase ½ HP Fan Motor  
from the Sample Mill.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-012  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

1 of 2 Green Dumpsters with Mixers and Digital Scale  
from the Sample Mill.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-013

DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson

PHOTOGRAPHER (int.)

CAMERA: Fujifilm Finepix F40 Digital Camera

FILM TYPE: N/A

NEGATIVE LOCATION: N/A

EXPLANATION:

Close-up of digital scale in green dumpster.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-014

DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson

PHOTOGRAPHER (int.)

CAMERA: Fujifilm Finepix F40 Digital Camera

FILM TYPE: N/A

NEGATIVE LOCATION: N/A

EXPLANATION:

2 of 2 Green Dumpsters with Rod Mill Cans from the Sample Mill.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-015

DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson

PHOTOGRAPHER (int.)

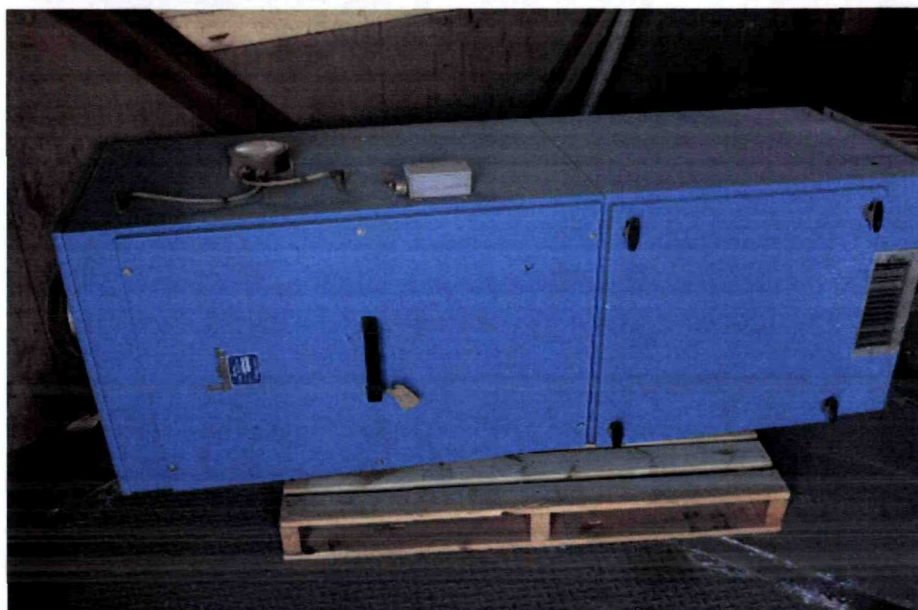
CAMERA: Fujifilm Finepix F40 Digital Camera

FILM TYPE: N/A

NEGATIVE LOCATION: N/A

EXPLANATION:

Lintern Air Purifier from the Crushing Mill.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-016  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Jaw Crusher 3 HP 480, 3-Phase from the Sample Mill.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-017  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

6 Rod Mills Units 3 HP, 480 3-Phase Motors from the Sample Mill.

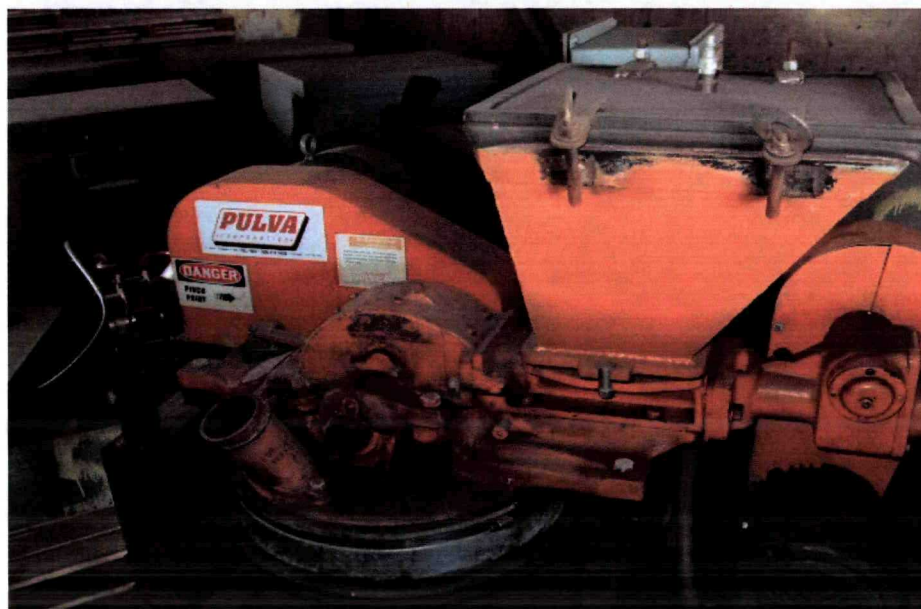


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-018  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Pulva Pulverizer 5 HP, 480, 3-Phase from the Sample Mill.



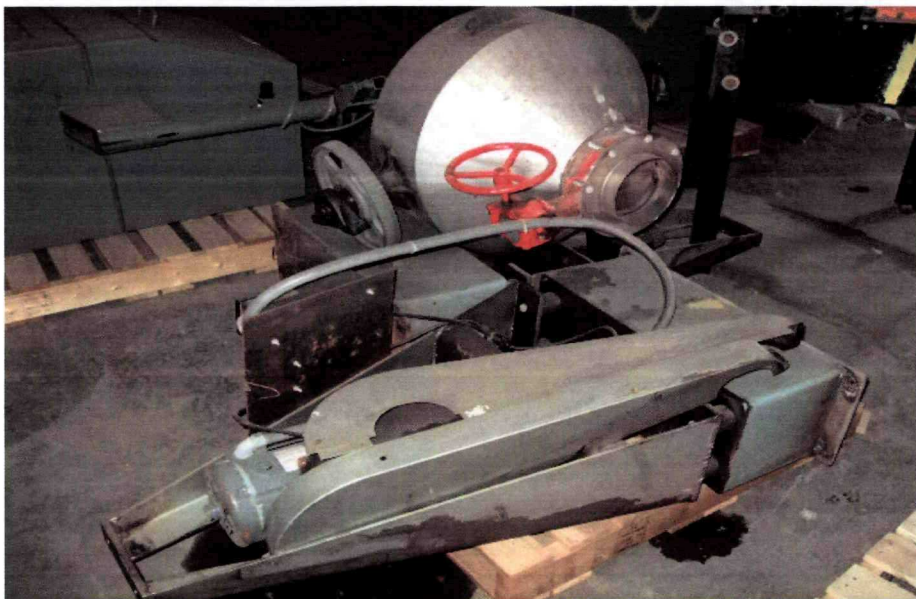


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-019  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Sepor Mixer from the Sample Mill.

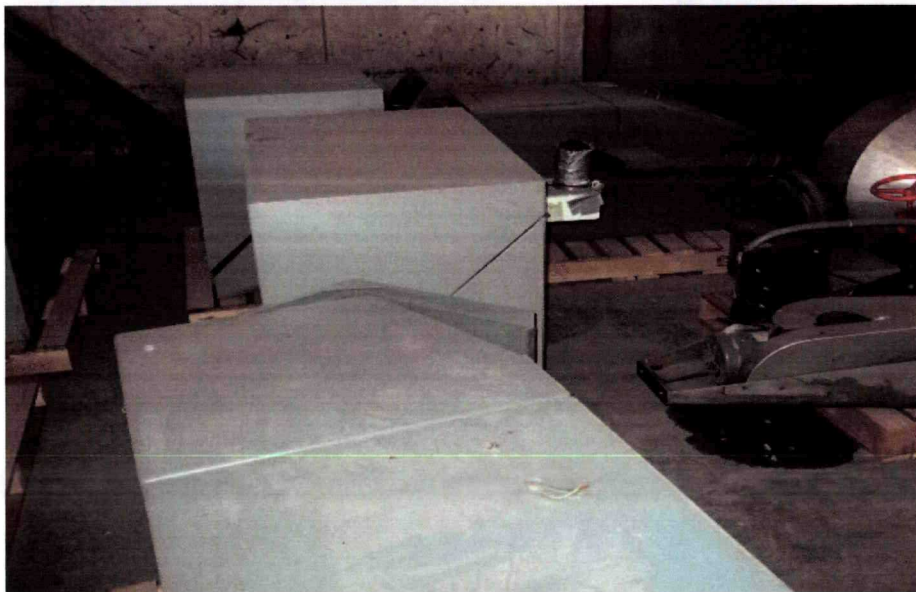


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-020  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

4 TM Engineering Ring Pulverizers from the Sample Mill.

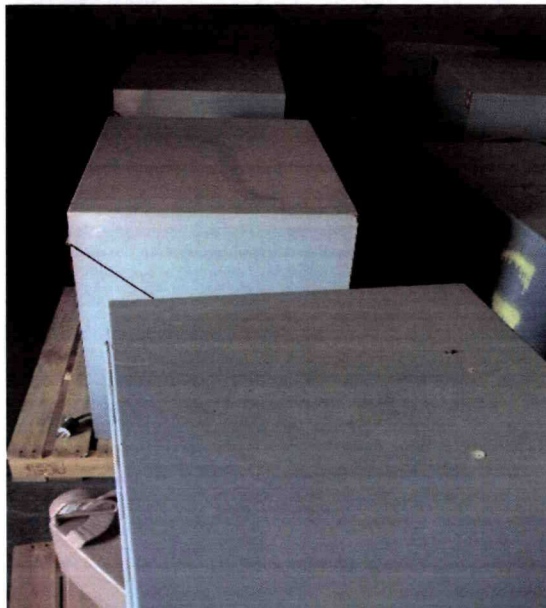


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-021  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

6 Roto Taps from the Sample Mill.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-022  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Sweco Separator by Baldor from the Sample Mill.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-023  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36" Belt Line, 49' Long, from the Crusher Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-024  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36' Belt Line, 23' Long, from the Crusher Plant.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-025  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36' Belt Line, 53' Long, from the Crusher Plant on the left and a 36' Belt Line, 35' Long, from the Crusher Plant on the right.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-026  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36' Belt Line, 37' Long, from the Crusher Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-027  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36' Belt Line, 16' Long, from the Crusher Plant.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-028  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36' Belt Line, 28' Long, from the Crusher Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-029  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

36' Belt Line, 20' Long, from the Crusher Plant.

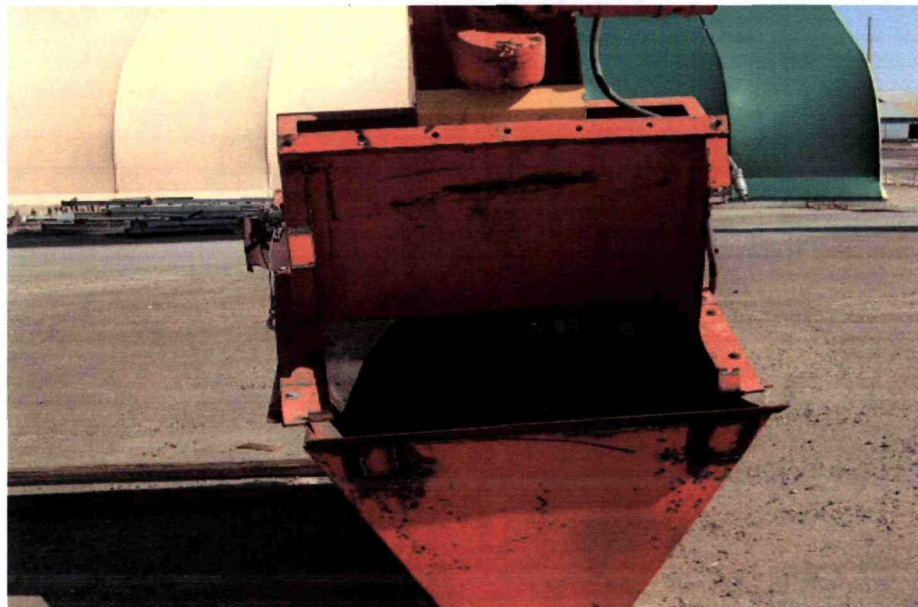


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-030  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Sample Cutter from the Crusher Plant.



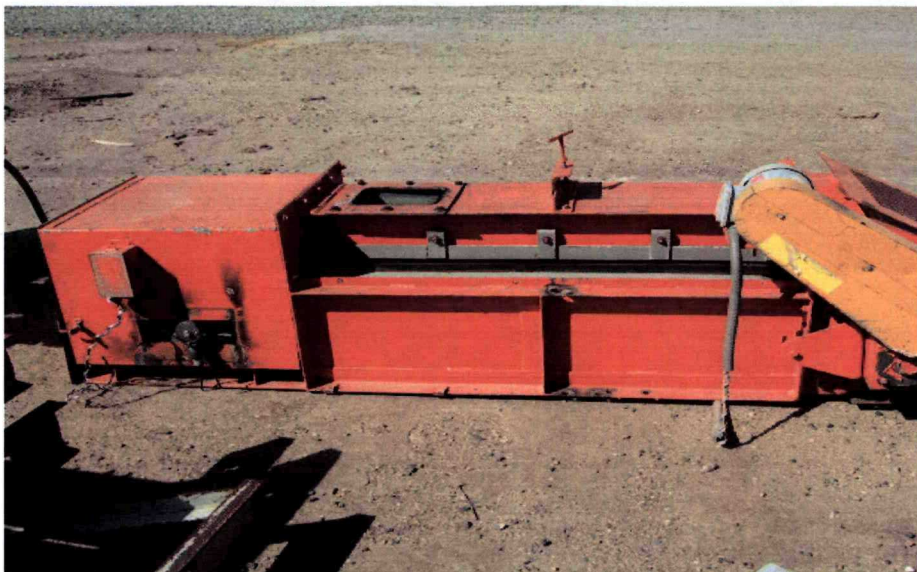


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-031  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

12' Belt Line with ½ HP Motor from the Crushing Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-032  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

150 HP Motor from Crushing Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-033  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Sample Cutter with ½ HP Motor from Crusher Plant.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-034  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Pro Screen Vibrating Screen from Crushing Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-035  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Hopper for Screen with 10 HP Motor from Crusher Plant.

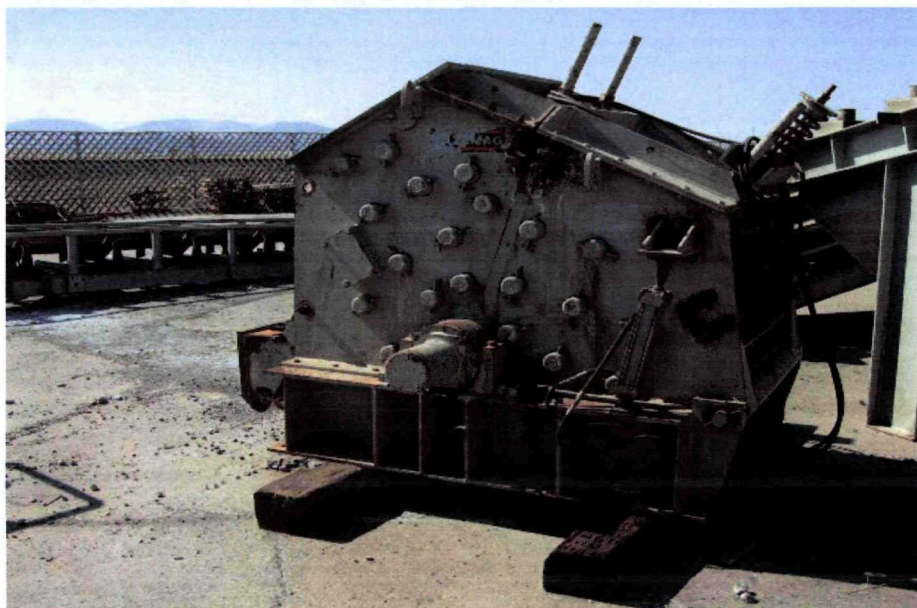


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-036  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Hazmag Crusher with Model 1010K from the Crusher Plant.





**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-037  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Sample Rolls with 5 HP Motor from Crushing Plant.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-038  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Electrical Control Panel from Crusher Plant.

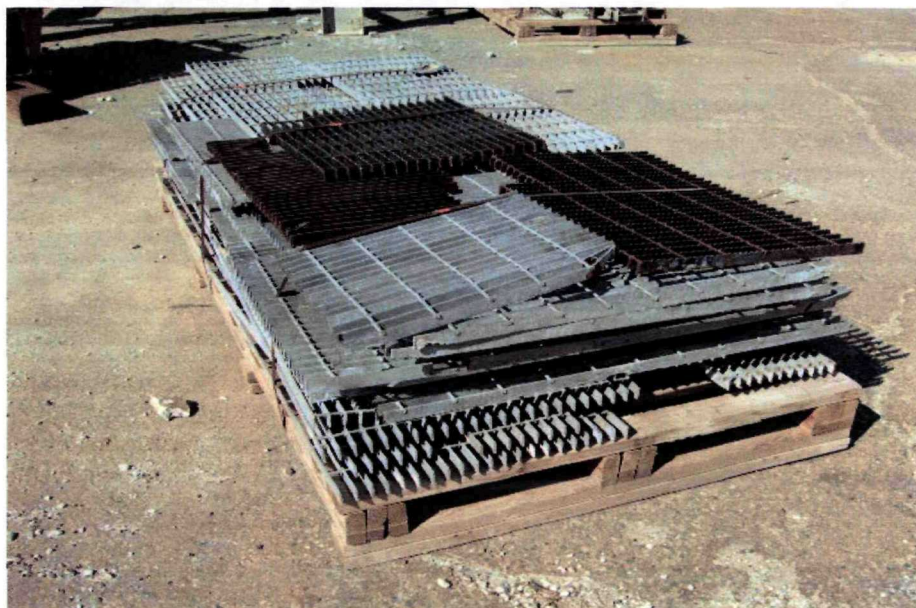


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-039  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Miscellaneous Steps and Walkways from Crusher Plant.



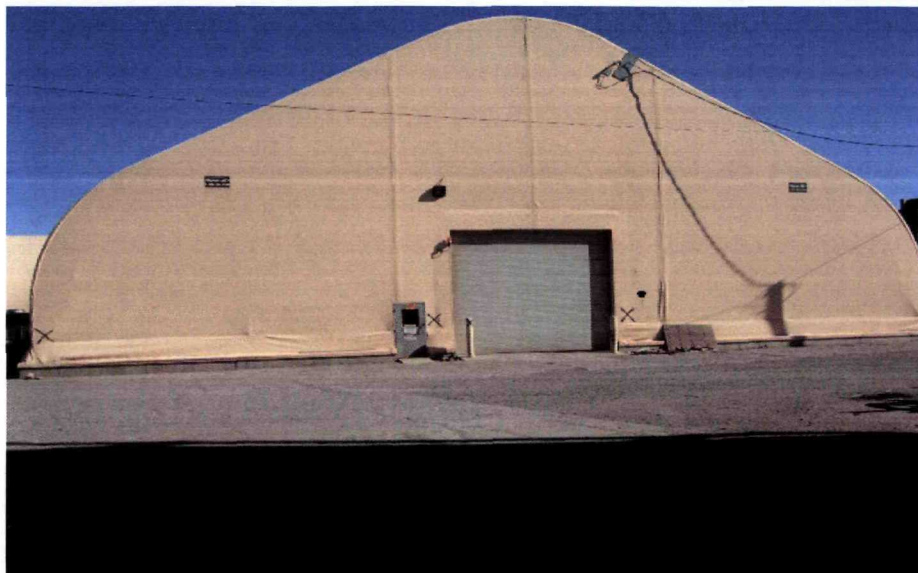


**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-040  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Looking west at the Barnum Building.



**MT DEQ WUTM BUREAU**

PHOTO #: ASARCO\_08262-041  
DATE: September 18, 2008

PHOTOGRAPHER: Iver L. Johnson  
PHOTOGRAPHER (int.) \_\_\_\_\_  
CAMERA: Fujifilm Finepix F40 Digital Camera  
FILM TYPE: N/A  
NEGATIVE LOCATION: N/A  
EXPLANATION:

Looking south at the Bailey Building.

